

Title (en)
REGENERATIVE TISSUE GRAFTS AND METHODS OF MAKING SAME

Title (de)
REGENERATIVE GEWEBETRANSPLANTATE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
GREFFES DE TISSU RÉGÉNÉRATIVES ET LEURS PROCÉDÉS DE FABRICATION

Publication
EP 2358301 B1 20190717 (EN)

Application
EP 09829422 A 20090805

Priority
• US 2009004482 W 20090805
• US 11781408 P 20081125

Abstract (en)
[origin: WO2010062297A1] A graft containing a scaffold that includes a matrix in which are positioned mesenchymal progenitor cells (MPCs) has the capacity to substantially improve wound healing, including wounds resulting from injury to nerve, bone and vascular tissue. MPCs can be harvested from debrided muscle tissue following orthopaedic trauma. The traumatized muscle- derived progenitor cells are a readily available autologous cell source that can be utilized to effect or improve wound healing in a variety of therapeutic settings and vehicles.

IPC 8 full level
A61F 2/02 (2006.01); **A61L 27/18** (2006.01); **A61L 27/34** (2006.01); **A61L 27/38** (2006.01); **A61L 27/56** (2006.01); **A61L 27/58** (2006.01); **C12N 5/0775** (2010.01)

CPC (source: EP US)
A61F 2/02 (2013.01 - EP US); **A61K 9/70** (2013.01 - EP US); **A61K 35/28** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61L 27/18** (2013.01 - EP US); **A61L 27/34** (2013.01 - EP US); **A61L 27/3834** (2013.01 - EP US); **A61L 27/54** (2013.01 - EP US); **A61L 27/56** (2013.01 - EP US); **A61L 27/58** (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 19/08** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **C12N 5/0663** (2013.01 - EP US); **C12N 5/0668** (2013.01 - EP US); **A61F 2/062** (2013.01 - EP US); **A61F 2210/0004** (2013.01 - EP US); **A61F 2250/0067** (2013.01 - EP US); **A61K 2035/124** (2013.01 - EP US); **A61L 2400/12** (2013.01 - EP US); **A61L 2430/32** (2013.01 - EP US); **C12N 2500/40** (2013.01 - EP US); **C12N 2500/44** (2013.01 - EP US); **C12N 2501/01** (2013.01 - EP US); **C12N 2501/11** (2013.01 - EP US); **C12N 2501/115** (2013.01 - EP US); **C12N 2501/13** (2013.01 - EP US); **C12N 2501/235** (2013.01 - EP US); **C12N 2501/33** (2013.01 - EP US); **C12N 2501/385** (2013.01 - EP US); **C12N 2501/39** (2013.01 - EP US); **C12N 2533/40** (2013.01 - EP US)

Citation (examination)
MAHAY DALJEET ET AL: "Schwann cell mediated trophic effects by differentiated mesenchymal stem cells.", EXPERIMENTAL CELL RESEARCH 15 AUG 2008, vol. 314, no. 14, 15 August 2008 (2008-08-15), pages 2692 - 2701, XP023783389, ISSN: 1090-2422

Cited by
US11311366B2; US11471260B2; US11253635B2; US11596717B2; US11224677B2; US11826487B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010062297 A1 20100603; AU 2009320446 A1 20110707; AU 2009320446 B2 20150820; CA 2744559 A1 20100603; CA 2744559 C 20170704; CA 2967583 A1 20100603; CA 2967583 C 20200901; EP 2358301 A1 20110824; EP 2358301 A4 20131211; EP 2358301 B1 20190717; US 10507187 B2 20191217; US 2011318414 A1 20111229; US 2014227339 A1 20140814; US 8652458 B2 20140218

DOCDB simple family (application)
US 2009004482 W 20090805; AU 2009320446 A 20090805; CA 2744559 A 20090805; CA 2967583 A 20090805; EP 09829422 A 20090805; US 200913129636 A 20090805; US 201414178932 A 20140212